

Serial No. 10/633,380
Response Dated 10/15/2004
Reply to Office Action of 07/30/2004

AMENDMENTS

In the Claims

Please cancel claims 1-10, 18-27 without prejudice, and add new claims 28-36 as indicated below. This listing of claims will replace all prior versions and listings of claims in the application.

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LISTING OF THE CLAIMS

- 1 1. (Cancelled)
- 1 2. (Cancelled)
- 1 3. (Cancelled)
- 1 4. (Cancelled)
- 1 5. (Cancelled)
- 1 6. (Cancelled)
- 1 7. (Cancelled)
- 1 8. (Cancelled)
- 1 9. (Cancelled)
- 1 10. (Cancelled)
- 1 11. (Original) A vehicle comprising:
 - 2 a frame including a steering tube having a steering axis;
 - 3 a pair of sliding-tube forks;
 - 4 a pair of triple clamps rotatably coupling the forks to the steering tube;
 - 5 an axle;
 - 6 a wheel rotatably coupled to the axle; and
 - 7 at least two alternate pairs of trail adjustment blocks, each pair providing a different
 - 8 amount of trail of the wheel with respect to the steering axis;
 - 9 wherein the forks and the trail adjustment blocks are configured to be coupled together,
 - 10 whereby the axle is coupled to the forks by one respective pair of trail adjustment blocks at a
 - 11 time.

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- 1 12. (Original) The vehicle of claim 11 wherein:
 - 2 the forks include fork lowers which are adapted to mate with the trail adjustment blocks.
- 1 13. (Original) The vehicle of claim 11 wherein, when the vehicle is on the ground:
 - 2 mating surfaces of the forks and the trail adjustment blocks are substantially parallel with the ground;
 - 4 whereby swapping pairs of trail adjustment blocks does not substantially alter ride height of the vehicle.
- 1 14. (Original) The vehicle of claim 11 wherein:
 - 2 the forks and the trail adjustment blocks include means for axially positioning the trail adjustment blocks with respect to the forks and the axle.
- 1 15. (Original) The vehicle of claim 11 wherein:
 - 2 the trail adjustment blocks are pinch mounted to the axle.
- 1 16. (Original) The vehicle of claim 11 wherein the vehicle comprises a motorcycle.
- 1 17. (Original) The vehicle of claim 11 wherein the vehicle comprises a bicycle.
- 1 18. (Cancelled)
- 1 19. (Cancelled)
- 1 20. (Cancelled)
- 1 21. (Cancelled)
- 1 22. (Cancelled)
- 1 23. (Cancelled)
- 1 24. (Cancelled)
- 1 25. (Cancelled)

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1 26. (Cancelled)

1 27. (Cancelled)

1 28. (New) The vehicle of claim 11 wherein the at least two alternate pairs of trail adjustment
2 blocks comprise:

3 a first alternate pair of trail adjustment blocks providing a first amount of trail;

4 a second alternate pair of trail adjustment blocks providing a second amount of trail
5 which is greater than the first amount of trail; and

6 a third alternate pair of trail adjustment blocks providing a third amount of trail which is
7 less than the first amount of trail.

1 29. (New) The vehicle of claim 11 wherein:

2 the trail adjustment blocks each includes a pinch split.

1 30. (New) The vehicle of claim 11 wherein:

2 the trail adjustment blocks each includes one of a groove and a ridge; and

3 each of the forks includes the other of the groove and the ridge;

4 wherein the groove and the ridge are configured to provide lateral alignment of the trail
5 adjustment block and the fork.

1 31. (New) The vehicle of claim 11 further comprising:

2 at least one brake caliper; and

3 at least two alternate brake caliper mounts, of different lengths, each providing a different
4 amount of distance from the brake caliper to the fork to which it is mounted;

5 whereby the brake caliper can be moved to maintain a constant radial distance from the
6 axle, when swapping between the alternate pairs of trail adjustment blocks.

1 32. (New) The vehicle of claim 31 wherein:

2 the at least two alternate brake caliper mounts includes,

3 a first brake caliper mount comprising a first body having a first length and a first
4 post coupled to the first body, and

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5 a second brake caliper mount comprising a second body having a second length
6 and a second post coupled to the second body.

1 33. (New) The vehicle of claim 32 wherein:

2 the post and the body of each of the brake caliper mounts are substantially at right angles
3 to each other.

1 34. (New) The vehicle of claim 32 wherein:

2 the brake caliper mounts are rotatably coupled to one of the forks, whereby the brake
3 caliper can be swung to a side to facilitate mounting the wheel to the axle without removing the
4 brake caliper from the fork.

1 35. (New) The vehicle of claim 34 wherein:

2 each brake caliper mount includes a pair of such caliper mounts having their posts
3 coaxially aligned when coupled to the fork.

1 36. (New) The vehicle of claim 35 wherein:

2 the fork includes two coaxial holes adapted to rotatably mate with the posts of the pair of
3 brake caliper mounts.